

SEQUENCE LISTING

<110> Applied Research Systems ARS holding N.V.

5 <120> Novel IFNgamma-like Polypeptides

<130> WO800

<160> 158

10 <170> PatentIn version 3.1

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| | Glu | Thr | Glu | Ile | Cys | Asp | Leu | Ser | Asp | Arg | Glu | Phe | Lys | Ile | Ala | Val | |
| 40 | | | 20 | | | | | | 25 | | | | | 30 | | | |
| | Leu | Gly | Lys | Phe | Lys | Asp | Asn | Thr | Glu | Lys | Glu | Phe | Arg | Ile | Leu | Ser | |
| 45 | | 35 | | | | | | 40 | | | | | 45 | | | | |
| | Asp | Lys | Phe | Asn | Lys | Glu | Ile | Glu | Ile | Ile | Lys | Lys | Asn | Gln | Ala | Glu | |
| | 50 | | | | | 55 | | | | | | 60 | | | | | |
| 50 | Ile | Leu | Glu | Leu | Lys | Asn | Ala | Ile | Ala | Thr | Leu | Lys | Asn | Ala | Leu | Glu | |
| | 65 | | | | | 70 | | | | 75 | | | | | | 80 | |
| 55 | Phe | Phe | Asn | Ser | Arg | Ile | Tyr | Gly | Ala | Glu | Lys | Lys | Asn | | | | |
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 10 ctttcaaaca gagaattgaa aatagctgtt ttgaggaaac tcaaagaaat tcaagatagc 180
 acagagaagg aattcagaat cctatcagat aaatttaaca aacaaattga aataattaaa 240
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 20 25 30
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 35 40 45
 40 Val Leu Arg Lys Leu Lys Glu Ile Gln Asp Ser Thr Glu Lys Glu Phe
 50 55 60
 Arg Ile Leu Ser Asp Lys Phe Asn Lys Gln Ile Glu Ile Ile Lys Asn
 65 70 75 80
 45 Ser Gln Ala Glu Ile Leu Glu Leu Lys Asn Ala Ile Asp Leu Leu Lys
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 ctttcagaca gagaattcaa agtagctgtg ttgagagagc tcaaagaaat tcaagataac 180
 acagagaaga aattcagaat tctaccagat aaatttatca aagagattga aataattaaa 240
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 35 40 45
 35 Val Leu Arg Glu Leu Lys Glu Ile Gln Asp Asn Thr Glu Lys Lys Phe
 50 55 60
 40 Arg Ile Leu Pro Asp Lys Phe Ile Lys Glu Ile Glu Ile Ile Lys Lys
 65 70 75 80
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 85 90 95
 45 Asn Ala Ser Glu Ser Leu Asn Ser Arg Met Asp Arg Val Glu Lys Lys
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35 <220>
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 <400> 134
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40 ttctcttctg actg 74

45 <210> 135
 <211> 59
 <212> DNA
 <213> Artificial sequence

50 <220>
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 <400> 135
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55 <210> 136
 <211> 72
 <212> DNA
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<220>
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5 <400> 136
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aataacttttt ag 72

10 <210> 137
<211> 59
<212> DNA
<213> Artificial sequence

15 <220>
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20 <400> 137
ggggacaagt ttgtacaaaa aagcagggtt cgccaccaac atgcccttac caaatgagc 59

25 <210> 138
<211> 71
<212> DNA
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30 <220>
<223> His tag-modified, ORF-specific CL primer

35 <400> 138
ggggaccact ttgtacaaga aagctggggt tcaatgggtga tggatgatgggt gtgatgcatt 60
cttcattata c 71

40 <210> 139
<211> 59
<212> DNA
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45 <220>
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50 <400> 139
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55 <210> 140
<211> 72
<212> DNA
<213> Artificial sequence

60 <220>
<223> His tag-modified, ORF-specific CL primer

65 <400> 140
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aaatagcctg tc 72

5 <210> 141
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<210> 142
 <211> 69
 <212> DNA
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<220>
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25 <400> 142
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ctctgactg 69

30

<210> 143
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<220>
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<400> 143
 40 ggggacaagt ttgtacaaaa aagcaggctt cgccaccaat atgacctcac caaatgaac 59

<210> 144
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 45 <212> DNA
 <213> Artificial sequence

<220>
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50 <400> 144
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tctttttttg ttg 74

55

<210> 145
 <211> 59

<212> DNA
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<220>
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<400> 145
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<211> 73
<212> DNA
<213> Artificial sequence

15 <220>
<223> His tag-modified, ORF-specific CL primer

<400> 146
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ttgatatttc agc 73

25 <210> 147
<211> 59
<212> DNA
<213> Artificial sequence

30 <220>
<223> His tag-modified, ORF-specific CL primer

<400> 147
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40 <210> 148
<211> 71
<212> DNA
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<220>
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45 <400> 148
ggggaccact ttgtacaaga aagctgggtt tcaatgggtga tggatgatggg gttctgcttg 60
ctcaattctg c 71

50 <210> 149
<211> 59
<212> DNA
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55 <220>
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<400> 149
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5 <210> 150
<211> 77
<212> DNA
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10 <220>
<223> His tag-modified, ORF-specific CL primer

<400> 150
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15 ttctgctcca taaatcc 77

20 <210> 151
<211> 60
<212> DNA
<213> Artificial sequence

25 <220>
<223> His tag-modified, ORF-specific CL primer

<400> 151
ggggacaagt ttgtacaaaa aagcaggctt cgccacctca atggccagac acctacaaac 60

30 <210> 152
<211> 74
<212> DNA
<213> Artificial sequence

35 <220>
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<400> 152
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ttgattaatt ctac 74

45 <210> 153
<211> 60
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50 <220>
<223> His tag-modified, ORF-specific CL primer

<400> 153
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<210> 154
<211> 73

<212> DNA
 <213> Artificial sequence

 <220>
 5 <223> His tag-modified, ORF-specific CL primer

 <400> 154
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 10 ttctactcga tcc 73

 <210> 155
 <211> 78
 15 <212> PRT
 <213> Homo sapiens

 <400> 155
 20 Met Thr Ser Pro Asn Glu Leu Asn Lys Leu Pro Trp Thr Asn Pro Gly
 1 5 10 15

 25 Glu Thr Glu Ile Cys Asp Leu Ser Asp Thr Glu Phe Lys Ile Ser Val
 20 25 30

 30 Leu Lys Asn Leu Lys Glu Ile Gln Asp Asn Thr Glu Lys Glu Ser Arg
 35 40 45

 35 Ile Leu Ser Asp Lys Tyr Lys Lys Gln Ile Glu Ile Ile Lys Gly Asn
 50 55 60

 40 Gln Ala Glu Ile Leu Glu Leu Arg Asn Ala Asp Gly Thr Leu
 65 70 75

 40 <210> 156
 <211> 75
 <212> PRT
 <213> Artificial sequence

 45 <220>
 <223> Human pIFNFH polypeptides consensus sequence

 <220>
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 50 <223> pIFNFH consensus sequence

 <400> 156
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 1 5 10 15

Glu Thr Glu Ile Cys Asp Leu Ser Asp Arg Glu Phe Arg Ile Ala Val
 20 25 30

5 Leu Arg Lys Leu Lys Glu Ile Gln Asp Asn Thr Glu Lys Glu Phe Arg
 35 40 45

10 Ile Leu Ser Asp Lys Phe Asn Lys Glu Ile Glu Ile Ile Lys Lys Asn
 50 55 60

15 Gln Ala Glu Ile Leu Glu Leu Lys Asn Ala Ile
 65 70 75

20 <210> 157
 <211> 154
 <212> PRT
 <213> Homo sapiens
 <400> 157

25 Met Gly Leu Arg Cys Asp Ser Glu Thr Ser Trp Leu Gln Val Arg Phe
 1 5 10 15

30 Ser Thr Ile Pro Ala Val Val Ala Thr Gly Thr Asp Phe Phe Cys Pro
 20 25 30

35 Arg Lys Val Glu Glu Lys Val Lys Arg Thr Leu Ser Cys Thr Ser Gly
 35 40 45

40 Thr Ser Ser Ala Thr Glu Ser Ile Lys Trp Ala Leu Gly Ala Pro Asp
 50 55 60

45 Ser Arg Thr Trp Leu Leu Asp Gly Ile Ser Gly Pro Ala Leu Gly Gln
 65 70 75 80

50 Arg Gly Ala His Cys Pro Gln Arg His Arg Gln Thr Ser Thr Ser Ile
 85 90 95

55 Lys Thr Ile Gln Glu Asn Met Thr Ser Ser Asn Lys Leu Asn Lys Ala
 100 105 110

60 Pro Gly Thr Asn Pro Gly Glu Thr Glu Ile Cys Asp Phe Ser Asp Arg
 115 120 125

65 Glu Ile Lys Met Ala Val Leu Arg Lys Val Lys Glu Ile Gln Asp Asn
 130 135 140

Thr Glu Lys Glu Phe Arg Ile Leu Ser Asp
145 150

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<210> 158
<211> 71
<212> PRT
<213> Homo sapiens

10
<400> 158

Gly Glu Phe Lys Ile Ala Val Leu Arg Lys Leu Lys Glu Ile Gln Asp
1 5 10 15

15
Asn Lys Glu Lys Asp Phe Arg Ile Leu Ser Asp Lys Phe Asn Glu Glu
20 25 30

20
Ile Glu Ile Ile Lys Lys Asn Gln Ser Glu Ile Gln Gly Leu Lys Asn
35 40 45

25
Ala Ile His Ile Leu Thr Asn Ala Ser Glu Ser Phe Asn Ser Arg Ile
50 55 60

30
Asp Gln Ala Glu Glu Ile Ile
65 70